A METHOD AND APPARATUS FOR TRANSMITTING DATA IN A COMMUNICATION SYSTEM

Abstract of the Disclosure

5   A communication system distributes the functions of a socket abstraction layer of the prior art between a socket abstraction layer included in an client communication device, such as a mobile subscriber, and a socket abstraction layer in a an agent communication device, such as an infrastructure serving the mobile subscriber. By so distributing the functions of the socket abstraction layer, headers may be reduced in

10   signaling between the client communication device and the corresponding agent communication device as part of call set ups and tear downs and in the exchange of payloads between the client and agent communication devices. By reducing the required headers, overhead is reduced and bandwidth is conserved in communications between the client and agent communication devices, such as in over-the-air communications between

15   a mobile subscriber and an infrastructure serving the mobile subscriber, with resulting increases in system capacity and improvements in system efficiency.

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